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PROCEEDINGS OF THE ENTOMOLOGICAL SOCIETY OF  
AMERICA.

The fourth meeting of the Entomological Society of America was held in Baltimore, December 30th and 31st, 1908, in affiliation with the American Association for the Advancement of Science.

The meeting was called to order by the President, Dr. W. M. Wheeler, in the Eastern High School, at 11 A. M., December 31st. The minutes of the previous meeting were adopted as printed. Dr. Fernald read the report of the committee on nomenclature. Moved and carried that this report be received and printed and discussed one year later, and that this should be the general policy in dealing with these reports. This report is appended to the minutes.

The Managing Editor made an informal report upon the condition of the Annals. Moved and carried that the chair appoint a committee on nominations. The chair appointed Messrs. C. W. Johnson, C. L. Marlatt and H. T. Fernald. The President announced the death during the year of Dr. W. H. Ashmead, an Honorary Fellow, Dr. James Fletcher, a Fellow; and of three members, C. Abbott Davis, Albert V. Taylor and Alexander Craw. The President announced that he had appointed Committees to draw up suitable resolutions upon the death of Drs. Ashmead and Fletcher. These resolutions were then read by the Secretary and adopted as read. They are appended to these minutes. A letter from Dr. L. O. Howard, concerning a request from Dr. Carlos E. Porter for separata and an offer to specialists of material for study, was read, and Mr. Webster made some explanations thereto. The Secretary read a communication from W. C. Wood suggesting action looking toward abolishing the tariff on insects. Moved and carried, "That it is the sense of this Society that the duty on insects is objectionable and should be abolished." The matter was referred to the Executive Committee with power. Adjournment until 1:00 P. M.

At that time the meeting was called to order by the First Vice President, Dr. J. B. Smith. The report of the nominating committee was read, and in accordance therewith, the Secretary was instructed to cast a ballot for the following officers, which was done:

President, Dr. Henry Skinner.  
 First Vice President, Prof. Herbert Osborn.  
 Second Vice President, Dr. A. D. Hopkins.  
 Secretary-Treasurer, J. Chester Bradley.

Additional Members of the Executive Committee:

Prof. J. H. Comstock,	Dr. John B. Smith,
Dr. W. M. Wheeler,	Rev. Prof. C. J. S. Bethune,
Mr. E. A. Schwarz,	Prof. Lawrence Bruner.

Member of Committee on Nomenclature to serve three years, Dr. E. P. Felt, to succeed himself.

There being no further business, papers were read as follows:  
 W. C. O'Kane. "Notes on a Lecanio-diaspid."

A. N. Caudell spoke briefly on a method that he had adopted for preserving types. He uses Riker mounts for this purpose.

W. A. Hooker. "Contributions to our knowledge of the host relations of ticks." Discussion by Messrs. Skinner, Cooley, Viereck, Bruner and Miss Mitchell.

The meeting then adjourned.

At 3 P. M. a joint session with Section F of the American Association for the Advancement of Science was held in the Eastern High School. Dr. J. B. Smith presided over the meeting. The following papers were read:

Mr. F. M. Webster. "Investigations of Toxoptera graminum and its parasites." Discussion by Prof. Washburn and Mr. Hayhurst.

A. Petrunkevitch. "On the muscular system of spiders' legs." (Published in this number of THE ANNALS.)

J. H. Comstock. "A note on the habits of the wall-bee, Chalcedoma." (Published in full elsewhere in this volume of THE ANNALS.)

J. A. Nelson. "Evolution and adaptation in the palpi of male spiders." (To be published in full in THE ANNALS.) Discussion by Drs. Hopkins and Petrunkevitch.

Professor Williston now took the chair while the following paper was read:

*J. B. Smith.* "Species, varieties, races, etc." Discussion was postponed until after the reading of the next.

*H. Skinner.* "What is a species?" Considerable discussion was evoked by these two papers, Messrs. Williston, Fernald, Felt, Viereck, Schwarz, Caudell and others participating.

Adjournment.

At 10 A. M. on December 31st, the meeting was called to order by Dr. Wheeler, and the following papers read:

*H. P. Severin.* "Death-feigning by *Zaitha fluminea*." Read by Prof. Osborn.

*C. R. Crosby.* "Some habits of seed infesting Chalcis flies."

*W. A. Riley.* "The development of the scent-pockets of *Anosia*."

*W. A. Hilton.* "Tracheal distribution in the nervous system of larval *Corydalis cornuta*."

*E. P. Felt.* "Observations on the taxonomy of the *Cecidomyiidae*."

*F. S. Sherman, Jr.* "Recording and mapping the entomological fauna of a state."

*D. W. Coquillett.* "Rediscovery of the *Bibionid* genus *Eupeitenus*."

In the absence of the authors, or for other reasons, the following papers were read by title only:

*S. A. Forbes.* "Local relations of allied species." *A. Petrunkevitch.* "On some terms used in systematics." *E. A. Andrews.* "A colony of mound-building ants." *W. E. Ritter.* "The conception of unit-systems in biology." *C. T. Brues.* "Some further remarks on the systematic affinities of the *Phoridae*." *A. A. Girault.* "A monographic catalogue of the *Myrmarid* genus *Camptoptera* Foerster, with description of one new North American form." *J. J. Davis.* "Studies on *Aphididae* II." *R. V. Chamberlin.* "A *Newportia* in Utah."

The following report from the Executive Committee was read and, with all its provisions and recommendations, adopted:

"The Executive Committee announces the election of the following Fellows: Samuel W. Williston, Theodore Dru Allison Cockerell, Ephraim Porter Felt, Elmer Darwin Ball, Alexander Dyer MacGillivray. In June the following nine members were elected: W. O. Hart, 134 Carondelet St., New Orleans, La.; B. F. Berrenger, 3-4 Masonic Block, Fostoria, O.; Prof. E. P. Durrant, Westerville, O.; Henrik Peder Lodging, 911 Palmetto St., Mobile, Ala.; W. P. Flint, Office State Entomologist, Urbana, Ill.; Charles N. Ainslie, Bureau Entomology, Washington, D. C.; Prof. A. F. Conradi, Clemson College, S. C.; H. H. Sever-

in, Columbus, O.; Walter Collins O'Kane, Columbus, O. At this meeting forty-two more have been elected as follows: Mrs. A. W. Smith, 15 E. Ave., Ithaca, N. Y.; Miss Edna Mosher, 801 Armistead Ave., Hampton, Va.; Miss Hortense Butler, Peterson, Ia.; Mr. Chas. H. Mergenthaler, 113 N. Main St., Fostoria, O.; Mr. C. H. Withington, Lawrence, Kan.; Mr. W. Reiff, Bussey Institution, Forest Hills, Mass.; Mr. F. A. Johnston, 81 Pleasant St., Amherst, Mass.; Mr. D. B' Kuhns, Honolulu; Mr. J. N. Summers, Insectary, Amherst; Mr. J. A. Hyslop, 205 D. St., N. W., Washington, D. C.; Mr. E. G. Smyth, 1100 Va. Ave., S. W., Washington, D. C.; Mr. J. F. Zimmer, 111 W. 11th Ave., Columbus, O.; Mr. R. H. Wolcott, Lincoln, Neb.; Mr. H. T. Osborn, 485 King Ave., Columbus, O.; Mr. V. L. Wildermuth, Groveport, O.; Mr. W. H. Goodwin, 39 Beall Ave., Wooster, O.; Mr. A. W. McCray, Bur. Entom., Washington, D. C.; Mr. H. C. Severin, 941 Grove St., Milwaukee, Wis.; Mr. B. M. Chatterjie, 37 Jaliapara Road, Bhowanipur, Calcutta; Mr. W. T. M. Forbes, 614 E. State St., Ithaca; Mr. J. P. Jensen, Forest Home, Ithaca; Mr. W. Moore, Ithaca; Miss A. H. Morgan, Mt. Holyoke College, S. Hadley, Mass.; Mr. A. Dutt, Coochbehar, Bengal; Mr. W. S. Regan, Amherst; Mr. C. E. Hood, Box 208, Dallas, Tex.; Mr. W. A. Hilton, 108 Brandon Place, Ithaca; Mr. W. J. Price, Blacksburg, Va.; Mr. Z. P. Metcalf, Raleigh, N. C.; Mr. W. P. Comstock, Newark, N. J.; Mr. S. A. Rohwer, Boulder, Col.; Mr. O. Bryant, Cohasset, Mass.; Miss S. D. McCann, 137 E. High St., Lexington, Ky.; Mr. W. F. Turner, Box O, Auburn, Ala.; Mr. C. J. Triggerson, 211 Hudson St., Ithaca; Mr. P. H. Hertzog, Lewisburg, Pa.; Mr. R. W. Braucher, Bureau Entom., Washington, D. C.; Mr. H. Dean, Bureau of Entom., Washington, D. C.; Mr. Nathan Banks, East Falls Church, Va.; Mr. C. P. Smith, Logan, Utah; Mr. H. G. Crips, Philadelphia; Mr. L. L. Scott, Columbus, O.

The following suggestion from Prof. Cockerell, it is recommended, be referred to the Committee on Nomenclature: "That the Entomological Society undertake to get out a list of all North American insects to be used as a standard like the A. O. U. Code. Of course it would take years and would have to come out in parts."

"Reverend Professor C. J. S. Bethune was elected a member of the Editorial Board to fill the vacancy caused by the death of Dr. Fletcher.

"The Committee recommends the following amendment to the Constitution, to be voted on at the next annual meeting:

"Art. 5, Sec. 3 to omit the following: 'All Officers, Secretary-Treasurer excepted, and all additional members of the Executive Committee, shall be chosen from the list of Fellows. Provided, etc.; so that the section will read: 'Art. V, Sec. 3. Election of Officers. All officers shall be elected by ballot at the annual meeting for a term of one year and shall be eligible for re-election.'

"The Committee recommends the adoption of the following by-law:

"6. Any member may become a life member upon payment of \$50.00 at one time, and shall be exempt from further assessments. He shall receive during his life, one copy of each issue of the ANNALS.

“The resignations of Messrs. G. W. Lucas, C. S. Brimley, W. F. Works, T. W. Fyles, and Miss F. H. Goodfellow were accepted.

“The following is a summary of the financial condition of the Society:

“Total receipts, including balance for 1907.....	\$818.40
“Expenditures,       Society .....	\$77.63
Annals.....	632.33
	—————
	709.96

“Cash on hand, Dec. 15, 1908 .....

(Signed)       J. CHESTER BRADLEY, *For the Committee.*

The following report from the auditing committee was accepted and the committee was discharged:

“The Committee appointed to audit the accounts of the Secretary-Treasurer and the Managing Editor of the Annals respectfully report that they have examined the same, compared them with the accompanying vouchers and found the same to be correct.”

(Signed)

Dec. 11, 1908.

PHILIP P. CALVERT,

F. M. WEBSTER.

Mr. Viereck moved to ask the Committee on Nomenclature to define what constitutes a species and variety, taking into consideration what the ornithologists have done, and that they bring the same up before the Commission on Nomenclature of the International Congress of Zoology one year before the next meeting of that Congress.

Adjournment.

At eight P. M. in the assembly room of McCoy Hall, the annual public address was given before the Society by Dr. E. B. Poulton, Hope Professor of Zoology in the University of Oxford, on “Mimicry in the Butterflies of North America.” The speaker was introduced by Vice President Smith. A large and appreciative audience was in attendance. The address was illustrated by many beautiful colored slides. It will be printed elsewhere in these ANNALS.

J. CHESTER BRADLEY, *Secretary-Treasurer.*